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SEP 28 2007

PTO/SB/21 (09-04)

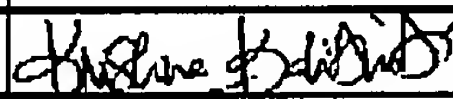
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/068,209 10/664893 T.W.	
	Filing Date	02/06/2002 9/22/2003 T.W.	
	First Named Inventor	Karlheinz Hermann	
	Art Unit	3894 2872 T.W.	
	Examiner Name	Mary-Gheung Pritchett, Joshua	
Total Number of Pages in This Submission	13	Attorney Docket Number	0902-006

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<b>Remarks</b> VIA FACSIMILE 571-273-8300 The 13 pages in this submission include a transmittal form and response to the final office action (12 pages).	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Potomac Patent Group PLLC		
Signature			
Printed name	Krishna Kalidindi		
Date	09/28/2007	Reg. No.	41,461

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:	
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Typed or printed name	Krishna Kalidindi
Date	09/28/2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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10/03/07

**SEP 28 2007**

*Application No. 10/664,893  
Response dated 09/28/2007*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	<b>BOX AF</b>
	)	
Karlheinz HERMANN et al.	)	Group Art Unit: 2872
	)	
Application No.: 10/664,893	)	Examiner: Joshua L. PRITCHETT
	)	
Filed: September 22, 2003	)	Confirmation No. 4265
	)	
For: MICROSCOPY SYSTEM AND	)	
MICROSCOPY METHOD FOR	)	
PLURAL OBSERVERS	)	

**AMENDMENT AFTER FINAL**

**BOX AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to a Final Office Action dated March 30, 2007, the period for response having been extended by a filing of a Petition and a Notice of Appeal on August 30, 2007, Applicants request entry of the following amendments and consideration of the accompanying remarks.

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.